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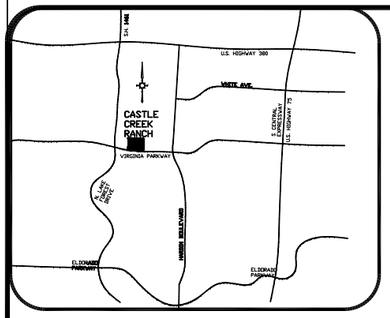


LANDSCAPE CALCULTIONS

DESCRIPTION	REQUIRED	PROVIDED
VIRGINIA PARKWAY STREET YARD	8,568 SF X 15% = 1,285 SF	76.32%
		SEE STREET YARD EXHIBIT
TOTAL	= 1,285 SF	= 6,539 SF
MIN. LIVING LANDSCAPE AREA	84,506 X 10% = 8,451 SF	SEE LANDSCAPE AREA EXHIBIT ON SITE = 27,199 SF
PERCENTAGE OF ENTIRE SITE DEDICATED TO LIVING LANDSCAPE	28,467 SF/84,506 SF=33.6%	GROUNDCOVER = 1,288 SF TOTAL = 28,487 SF
		SEE LANDSCAPE AREA EXHIBIT
VIRGINIA PARKWAY	227.19/40 = 7 Trees	L2 BUFFER = 7 TREES
MALLARD LAKES DRIVE	356.22/40 = 9 Trees	L2 BUFFER = 9 TREES
PARKING SPACE TREES	PARKING = 4 TREES	PARKING = 4 TREES
ORNIMENTAL TREES	ORNIMENTAL = 0 TREES	ORNIMENTAL = 7 TREES
TOTAL TREES	TREES REQUIRED =20 TREES	TOTAL TREES = 27 TREES

SHRUB KEY

SYM.	COMMON NAME	SIZE	SPACEING	NUM.
(V)	Dwarf Youpon Holly	2 GAL	24" O.C.	0
(DW)	Southern Wax Myrtle	5 GAL	48" O.C.	28

GROUND COVER KEY

SYM.	COMMON NAME	SIZE	SPACEING	NUM.
(Fg)	Mock Strawberry (Duchesnea indica)	1 GAL	16"X16"	430
(Jw)	Winton's Carpet Juniper (Juniperus horizontalis "Wiltonii")	2 GAL	48" X48"	15

For 16"X16"use 0.56 Plants/sf
For 48"X48"use 0.06 Plants/sf

TREE LIST

LABLE ON DRAWING	SYMBOL ON DRAWING	TREE COMMON NAME & SCIENTIFIC NAME	NUMBER USED
CP	CP	4" CALIPER CHINESE PISTACHIO (PISTACHIA CHINENSIS) MALE SELECTION IF AVILABLE	8 E.A.
SRO	SRO	4" CALIPER RED OAK (QUERCUS SHUMADRII)	9 E.A.
TRCE	TRCE	4" CALIPER CEDAR ELM (ULMUS CARASSIFOLIA)	8 E.A.
DW	DW	2.5" DESERT WILLOW (CHILOPSIS LINEARIS)	1 E.A.
DG WD	DG WD	2.5" CALIPER DOGWOOD (CORNUS FLORIDA)	1 E.A.
MP	MP	2.5" CALIPER MEXICAN PLUM (PRUNUS MEXICANA)	1 E.A.
RCM	RCM	2.5" CALIPER RED CRAPE MYRTLE (MULTI-TRUNK) (LAGERSTROEMIA INDICA)	1 E.A.
B.H.M.		BERMUDA HYDROMULCH (CYNADON DACTYLON)	27,199 SF

B.H.M. ~ ON SITE

6,539 SF STREET YARD AREA LANDSCAPED
6,544 SF N. OF STREET YARD WEST OF SCREEN WALL
6,042 SF E. OF SCREEN WALL TO EAST R.O.W.
561 SF 10' WIDE CURB BUFFER N. & W. OF FIRELANE
4,527 SF E. YARD KENNEL & OFFICE
1,770 SF S. OPEN COURTYARD BETWEEN KENNALS
973 SF N. OPEN COURTYARD BETWEEN KENNALS & OFFICE
534 SF 10' WIDE CURB BUFFER N. FIRELANE & W. OF OFFICE
27,199 SF TOTAL ON SITE BERMUDA

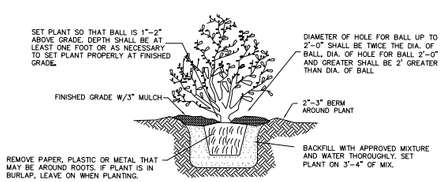
NOTES:
1) AS SHOWN ON SITE PLAN SHEET 1 of 2, THE AREA AND FRONTAGE TO BE USED FOR SITE PLAN AND LANDSCAPE PLAN COMPUTATIONS SHALL BE 1.94 AC (84,506 SF).

2) THERE ARE NO EXISTING TREES IN, OR UPON, THE SAID 1.94 ACRE SITE PLAN.

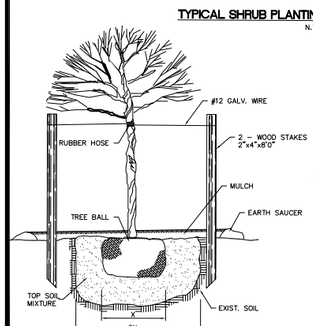
3) ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER BASED CONTROLLERS. THE SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND SHALL BE INSTALLED BY A LICENSED IRRIGATOR.

4) RYERSON STEEL EDGE 1/8" X 4" WITH 12" STAKES AND GREEN IN COLOR SHALL BE USED.

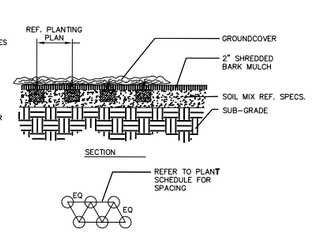
5) MELVIN K. JANUARY, P.E. IS THE QUALIFIED PROFESSIONAL PREPARING THIS LANDSCAPE PLAN.



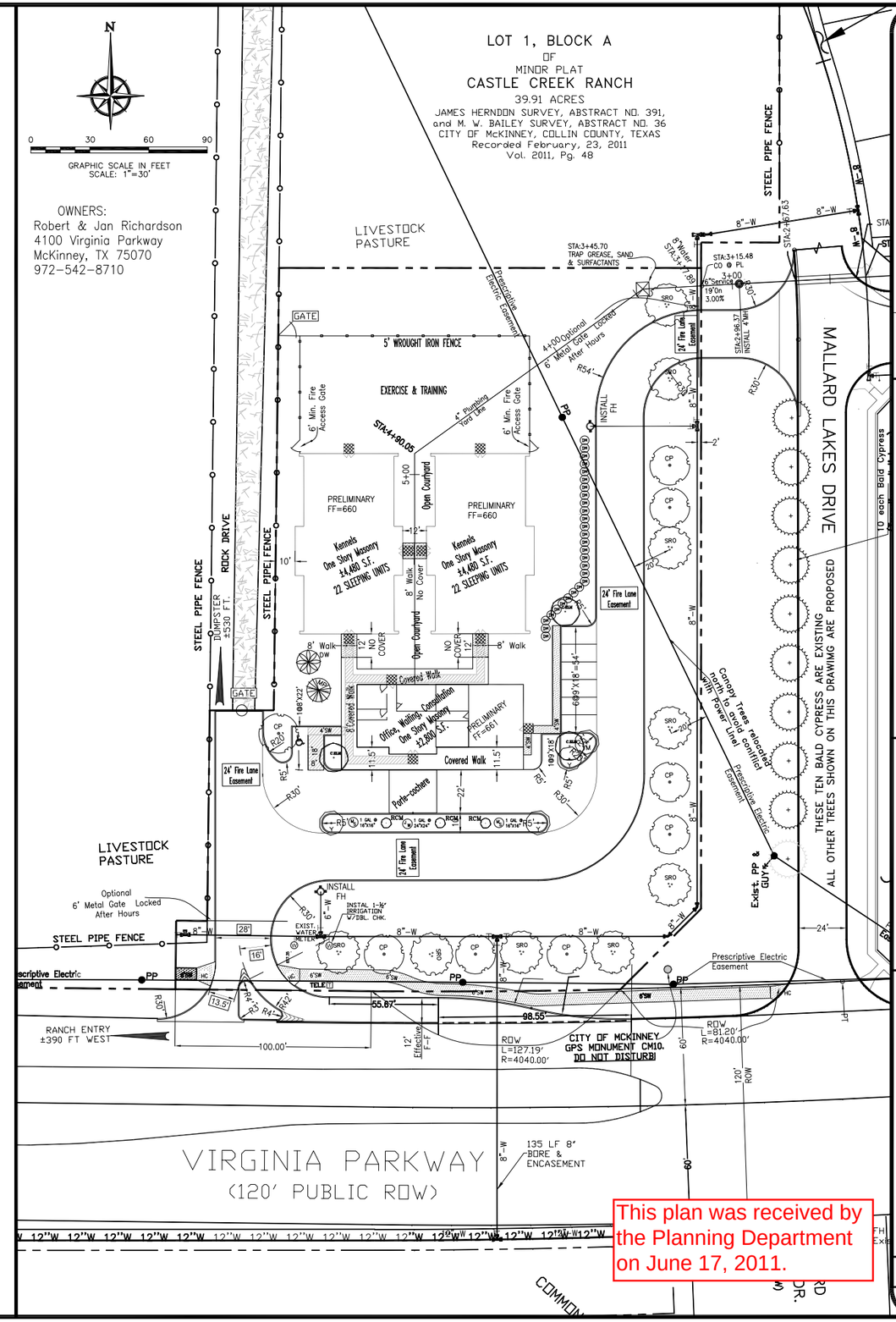
TYPICAL SHRUB PLANTING
N.T.S.



TYPICAL TREE PLANTING
DOUBLE STAKING DETAIL
N.T.S.



GROUND COVER PLANTING DETAIL
N.T.S.



NO.	REVISIONS	DATE

DESIGN BY: M.K.J.
DRAWN BY: M.K.J.
SCALE: H: 1"=30' V: N.A.

CASTLE CREEK PET RESORT
4100 VIRGINIA PARKWAY
McKINNEY, TEXAS
LANDSCAPE PLAN 1.94 Ac.

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MELVIN K. JANUARY, P.E. 36328
06/17/2011

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SHEET No. 2 OF 2